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DISCLOSURE LETTERS

August 1977

PM 719 - R. Greene 2-6-76

POST TREATMENT OF HUMIC ACID-COATED CIGARETTE PAPER

The elevated delivery of CO by these papers is counteracted by application of magnesium sulfate. Spotting tendency is also reduced.

Awaiting more information. See PM 751.

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PM 733 - H. Merritt
G. Kite 5-6-76

LOW TEMPERATURE STEAM EXPANSION OF AMMONIUM CARBONATE IMPREGNATED FILLER

Evaluation in progress; probably needs Patent Committee recommendation.

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PM 734 - F. Utsch 5-6-76

EXPANSION WITH AMMONIUM CARBAMATE

Tobacco impregnated by exposure to ammonium carbamate powder prior to expansion by heat. See our Armstrong et al. patent and PM 697.

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PM 743 - M. Kelley, Jr. 6-18-76

IMPROVED FILTER FOR DILUTED CIGARETTES

Ventilation tube leads air to central part of filter.

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1005116013

Source: https://www.industrydocuments.ucsf.edu/docs/lmwj0000

PM 744 - M. Kelley, Jr. 7-6-76

IMPROVED FLAVOR FROM LOW DELIVERY DILUTED CIGARETTES

Disc baffle diverts smoke to outer edge of filter to better mix with dilution air.

Search completed.

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PM 749 - E. Rundberg 9-9-76

GLUCOSE ESTERS AS TOBACCO FLAVORANTS

Flavor immobilized until release on burning. Awaiting more information.

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PM 756 - T. Cummins 10-14-76

"LITETRONIC" CIGARETTE INSPECTION DEVICE

Awaiting review at Louisville on the basis of prototype unit recently completed.

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PM 758 - H. Lewis 11-22-76
D. Hirsch

CID TYPE 4 MISSING TIP DETECTOR AND REJECT COUNT CORRECTOR

In conflict with existing patent; study needed.

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PM 760 - D. Laslie 12-3-76

EXTRUDATE THREADING SYSTEM FOR EXTRUDING LINES

Awaiting search.

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Source: https://www.industrydocuments.ucsf.edu/docs/lmwj0000

PM 765 - J. Bowling 1-19-77

PACKAGE BLANK MEASURING INSTRUMENT

Accurately measures cut and score locations of flat package blanks.

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PM 766 - T. Laszlo

FEEDER FOR HIGH MOISTURE CONTENT TOBACCO

Rotating rods with pyramid-shaped teeth cause non-free-flowing filler to be transferred in metered amounts.

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PM 767 - C. Kounnas 2-9-77

MENTHOL-LIKE COMPOUNDS FOR CIGARETTES

Nonvolatile menthol-like cooling compounds as disclosed in Wilkinson Sword British patents are used in charcoal-filter cigarettes.

Inactive patent docket until further notice.

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PM 768 - J. Swain
F. Crayton 2-14-77

TOBACCO FLAVOR-REACTION PRODUCTS

Reaction products of fructose, ammonia, and fatty acids to flavor tobacco.

Search completed; await examples.

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PM 769 - W. Nichols
D. Laslie 2-15-77

METHOD FOR MAKING WRAPLESS CIGARETTE FILTERS

Microwave forming of wrapless plugs, as in PM 735, but with plasticizer replaced by slightly volatile "activator" such as glycols, glycerol.

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Source: https://www.industrydocuments.ucsf.edu/docs/lmwj0000

PM 770 - L. Bartlam 3-15-77

TESTER

A very simple, inexpensive circuit testing or trouble-shooting device.

Inactive patent docket until further notice.

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PM 772 - J. Nienow 4-5-77
F. Sherwood

RELATIVE HUMIDITY INSTRUMENT

Utilizes microwave moisture measurement of natural product to determine r.h. of environment.

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PM 773 - R. de la Burde 4-25-77
P. Aument
F. Utsch

CO_2 IMPREGNATION OF FILLER BY RAPID COOLING

Filler under low CO_2 gas pressure is cooled to condense CO_2 in tobacco for subsequent expansion.

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PM 774 - N. Rainer 4-30-77
D. Siwiec

EXPANDED, STIFFENED TOBACCO

Burley stems: (1) treated with divalent, trivalent metal salt, (2) soaked in aqueous NH_4OH-H_2O_2, and (3) washed and dried.

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PM 775 - R. de la Burde 5-10-77
P. Aument

EXPANSION AND/OR FLAVOR ADDITION BY CO_2 LIQUID

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Source: https://www.industrydocuments.ucsf.edu/docs/mmwj0000

PM 776 - W. Mutter 5-11-77

AIR PERFORATION

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PM 777 - H. Scott 5-12-77

PACKAGE CONSTRUCTION

Flip-top box blank made for unsecured inside flap. Infringement search completed.

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PM 778 - R. Thatcher 5-17-77
H. Odom

AERODYNAMIC-VIBRATORY SEPARATOR

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PM 779 - J. Osmalov 5-25-77

MEANS TO MEASURE TOBACCO FIRMNESS ON CIGARETTE MAKER

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PM 781 - H. Merritt 6-27-77

CO_2 EXPANSION VIA DRY ICE--GAS IMPREGNATION

Filler chilled with dry ice, exposed to 300-600 psig CO_2 gas for subsequent expansion. See PM 773 and PM 727.

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PM 782 - R. Thatcher 7-14-77
H. Odom

TORUS FAN CIGARETTE RIPPER WITH AERO CYNAMIC VIBRATORY SCREEN SEPARATOR

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Source: https://www.industrydocuments.ucsf.edu/docs/lmwj0000

PM 783 - R. de la Burde 7-18-77
P. Aument
F. Utsch

MOISTURIZING OF EXPANDED TOBACCO BY WATER SPRAY

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PM 784 - J. Osmalov 7-25-77

CONTROL OF MOISTURE IN TOBACCO DURING CIGARETTE MAKING

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PM 785 - L. Meyer 8-16-77
W. Houck, Jr.

IMPROVED DILUTION UNIFORMITY OF VENTED FILTER TIP CIGARETTES

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PM 786 - G. Keritsis 8-18-77

FILTER MATERIAL

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Source: https://www.industrydocuments.ucsf.edu/docs/lmwj0000